

**e-STUDENT RESIDENTIAL HALL MANAGEMENT
MODEL
(eSRHMM)**

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ABSTRACT

A key factor which makes Web Based Applications (WBA) highly recommended over stand alone system is centralized mechanism used in those applications. Students' Residential Hall managements in Universiti Utara Malaysia (UUM) use variety of systems which are mostly mixture of WBA and some manual procedures. This study would try to enhance the process of the current management procedures by converting it entirely into a WBA which would solve some of the critical issues which are not supported by the current system. The proposed system would adopt Extreme Programming (XP) and Rational Unified Process (RUP) methodology in order to fulfill its objectives.

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CHAPTER ONE

INTRODUCTION

1.1. BACKGROUND

Universiti Utara Malaysia UUM, in English Northern University of Malaysia, is a public university which is located in a small town called Sintok, Kedah State. The university was officially established on February 16th, 1984. The university mission was to play a leadership role in developing the country by providing high quality management education in the country. On top of that the university has offered other excellent educational areas which are represented as three colleges which are; College of Business (COB), College of Arts and Sciences (CAS), and College of Law, Government and International Studies (COLGIS).

The main buildings in the campus include the academic buildings, the Chancellery, Sultanah Bahiyah Library, Mu'adzam Shah Hall, and Tan Sri Othman Hall. Other buildings include the Sultan Badlishah Mosque, Varsity Mall, Student Union, and Sports Complex. The University also provides 600 units of various types of housing for its staff.

UUM provides accommodation for almost 22,000 of its students in 15 student residential halls including an especially designated student hall for married students. Many of these residential halls are named after multinational companies; namely MAS, TENAGA NATIONAL, TM, PROTON, PETRONAS, TRADEWINDS, EON, SIME DARBY, MISC, PERWAJA, MAYBANK, BANK MUAMALAT, YAYASAN AL-BUKHARY, BANK RAKYAT, and SME BANK. UUM is one of the very few public institutions that offer accommodation to its students throughout their academic years at the University.

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